

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311061957 A

(19) INDIA

(22) Date of filing of Application :14/09/2023

(43) Publication Date : 15/12/2023

(54) Title of the invention : A SYSTEM AND METHOD FOR RE-ESTABLISHING RADIO RESOURCE CONTROL CONNECTION IN A WIRELESS NETWORK

<p>(51) International classification :H04W0076190000, H04W0076270000, H04W0028020000, H04W0012060000, H04L0067000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Bluest Mettle Solutions Private Limited Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)MISHRA, Rahul Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>2)SINGH, Dhiraj Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>3)MANTRI, Archana Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
---	---

(57) Abstract :

for re-establishing a RRC connection in a wireless network. In an aspect, the present disclosure discloses a system (102) for re-establishing a RRC connection in a wireless network. The system (102) comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to detect a loss in the RRC connection between a User Equipment (UE) and a base station in the wireless network and trigger a re-establishment procedure based on the detected loss in the RRC connection. Next, the processor (202) is configured to transmit a re-establishment request message to the base station based on the re-establishment procedure and receive a re-establishment response message from the base station.

No. of Pages : 25 No. of Claims : 10